EN User manual

Freezer

USER MANUAL

ZANUSSI

ZBF22451SA

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Subject to change without notice.

Safety instructions

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.
For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

Children and vulnerable people safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
  Children should be supervised to ensure that they do not play with the appliance.
- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

General safety

Warning!

Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

- The appliance is intended for keeping foodstuff and/or beverages in a normal household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses and by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments;
  - catering and similar non-retail applications.
- Do not use a mechanical device or any artificial means to speed up the thawing process.
- Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.
- Do not damage the refrigerant circuit.
- The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.
  During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.

If the refrigerant circuit should become damaged:

– avoid open flames and sources of ignition
– thoroughly ventilate the room in which the appliance is situated

- It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short-circuit, fire and/or electric shock.

⚠ **Warning!** Any electrical component (power cord, plug, compressor) must be replaced by a certified service agent or qualified service personnel to avoid hazard.

1. Power cord must not be lengthened.
2. Make sure that the power plug is not squashed or damaged by the back of the appliance. A squashed or damaged power plug may overheat and cause a fire.
3. Make sure that you can come to the mains plug of the appliance.
4. Do not pull the mains cable.
5. If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
6. You must not operate the appliance without the lamp cover (if foreseen) of interior lighting.

- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.
- Bulb lamps (if foreseen) used in this appliance are special purpose lamps selected for household appliances use only. They are not suitable for household room illumination.

Daily Use

- Do not put hot pot on the plastic parts in the appliance.
- Do not store flammable gas and liquid in the appliance, because they may explode.
- Do not place food products directly against the air outlet on the rear wall. (If the appliance is Frost Free)
- Frozen food must not be re-frozen once it has been thawed out.
- Store pre-packed frozen food in accordance with the frozen food manufacturer's instructions.
- Appliance's manufacturers storage recommendations should be strictly adhered to. Refer to relevant instructions.
- Do not place carbonated or fizzy drinks in the freezer compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.
- Ice lollies can cause frost burns if consumed straight from the appliance.

Care and cleaning

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Do not use sharp objects to remove frost from the appliance. Use a plastic scraper.

Installation

Important! For electrical connection carefully follow the instructions given in specific paragraphs.

- Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing.
- It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.
- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation follow the instructions relevant to installation.
- Wherever possible the back of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.

- The appliance must not be located close to radiators or cookers.
- Make sure that the mains plug is accessible after the installation of the appliance.
- Connect to potable water supply only (If a water connection is foreseen).

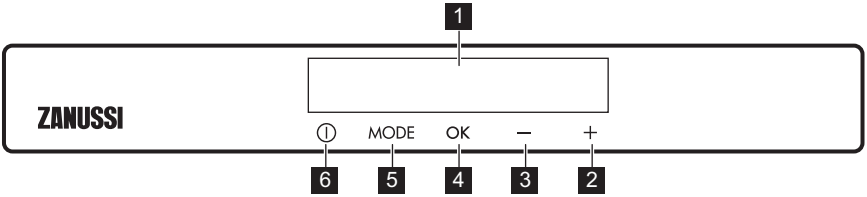
Service

- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Centre, and only genuine spare parts must be used.

Environment Protection

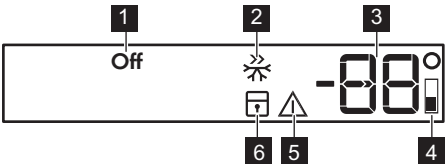
This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the applicable regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially at the rear near the heat exchanger. The materials used on this appliance marked by the symbol ♲ are recyclable.

Control panel



1 Display
2 Temperature warmer button
3 Temperature colder button
4 OK button
5 Mode button
6 ON/OFF button

Display



1 Freezer OFF indicator
2 Fast Freeze function
3 Freezer temperature indicator
4 Freezer compartment indicator
5 Alarm indicator
6 Child Lock function

Switching on

To switch on the appliance do these steps:

1. Connect the mains plug to the power socket.
2. Press the ON/OFF button if the display is off.
3. The alarm buzzer may sound after a few seconds.
   To reset the alarm refer to "Door open alarm".
   If “DEMO” appears on the Display, the appliance is in demonstration mode: refer to “Troubleshooting” paragraph.
4. The temperature indicators show the set default temperature.

To select a different set temperature refer to "Temperature regulation".

Switching off

To switch off the appliance do these steps:

1. Press the ON/OFF button for 5 seconds.
2. The display switches off.

3. To disconnect the appliance from the power disconnect the mains plug from the power socket.

Temperature regulation

The set temperature of the freezer may be adjusted by pressing the temperature button.
Set default temperature:

- -18°C for the freezer

The temperature indicator shows the set temperature.
The set temperature will be reached within 24 hours.

Important! After a power failure the set temperature remains stored.

Child Lock function

To lock the buttons from unintentional operation select the Child Lock function.
To switch on the function:

1. Press the Mode button until the corresponding icon appears.
2. The Child Lock indicator flashes.
3. Press the OK button to confirm.
   The Child Lock indicator is shown.

To switch off the function:

1. Press the Mode button until the Child Lock indicator flashes.
2. Press the OK button to confirm.
3. The Child Lock indicator goes off.

Fast Freeze function

To switch on the function:

1. Press the Mode button until the corresponding icon appears.
   The Fast Freeze indicator flashes.
2. Press the OK button to confirm.
   The Fast Freeze indicator is shown.

This function stops automatically after 52 hours.

To switch off the function before its automatic end:

1. Press the Mode button until the Fast Freeze indicator flashes.
2. Press the OK button to confirm.
3. The Fast Freeze indicator goes off.

Important! The function switches off by selecting a different freezer set temperature.

High temperature alarm

An increase in the temperature in the freezer compartment (for example due to an earlier power failure) is indicated by:

- flashing the alarm and freezer temperature indicators
- sounding of buzzer.

To reset the alarm:

1. Press any button.
2. The buzzer switches off.
3. The freezer temperature indicator shows the highest temperature reached for a few seconds. Then shows again the set temperature.
4. The alarm indicator continue to flash until the normal conditions are restored.

When the alarm has returned the alarm indicator goes off.

Door open alarm

An acoustic alarm will sound if the door is left open for a few minutes. The door open alarm conditions are indicated by:

- flashing Alarm indicator
- acoustic buzzer

When normal conditions are restored (door closed), the alarm will stop.
During the alarm, the buzzer can be switched off by pressing any button.

First use

Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand-new product, then dry thoroughly.

Important! Do not use detergents or abrasive powders, as these will damage the finish.

Daily use

Freezing fresh food

The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.
To freeze fresh food activate the Fast Freeze function at least 24 hours before placing the food to be frozen in the freezer compartment.
Place the fresh food to be frozen in the two top compartments.
The maximum amount of food that can be frozen in 24 hours is specified on the **rating plate**, a label located on the inside of the appliance.
The freezing process lasts 24 hours: during this period do not add other food to be frozen.
After 24 hours, when the freezing process is completed, return to the required temperature (see "Temperature regulation").

Storage of frozen food

When first starting-up or after a period out of use, before putting the products in the compartment let the appliance run at least 12 hours on the Fast Freeze setting.
If large quantities of food are to be stored, remove all drawers and baskets from appliance and place food on cooling shelves to obtain the best performance.

⚠ **Warning!** Make sure that foods do not exceed the load limit stated on the side of the upper section (where applicable)

Important! In the event of accidental defrosting, for example due to a power failure, if the power has been off for longer that the value shown in the technical characteristics chart under "rising time", the defrosted food must be consumed quickly or cooked immediately and then re-frozen (after cooling).

Thawing

Deep-frozen or frozen food, prior to being used, can be thawed in the refrigerator compartment or at room temperature, depending on the time available for this operation.
Small pieces may even be cooked still frozen, directly from the freezer: in this case, cooking will take longer.

Ice-cube production

This appliance is equipped with one or more trays for the production of ice-cubes. Fill these trays with water, then put them in the freezer compartment.

Important! Do not use metallic instruments to remove the trays from the freezer.

Cold accumulators

The freezer contains at least one cold accumulator which increases storage time in the event of a power cut or breakdown.

Helpful Hints and Tips

Hints for freezing

To help you make the most of the freezing process, here are some important hints:

- the maximum quantity of food which can be frozen in 24 hrs. is shown on the rating plate;
- the freezing process takes 24 hours. No further food to be frozen should be added during this period;
- only freeze top quality, fresh and thoroughly cleaned, foodstuffs;
- prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required;
- wrap up the food in aluminium foil or polythene and make sure that the packages are airtight;
- do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter;
- lean foods store better and longer than fatty ones; salt reduces the storage life of food;

- water ices, if consumed immediately after removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you to keep tab of the storage time.

Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

- make sure that the commercially frozen foodstuffs were adequately stored by the retailer;
- be sure that frozen foodstuffs are transferred from the foodstore to the freezer in the shortest possible time;
- not open the door frequently or leave it open longer than absolutely necessary;
- once defrosted, food deteriorates rapidly and cannot be refrozen;
- do not exceed the storage period indicated by the food manufacturer.

What to do if…

⚠ **Warning!** Before troubleshooting, disconnect the mains plug from the mains socket.
Only a qualified electrician or competent person must do the troubleshooting that is not in this manual.

Important! There are some sounds during normal use (compressor, refrigerant circulation).

Problem	Possible cause	Solution
The appliance is noisy	The appliance is not supported properly	Check if the appliance stands stable (all the four feet should be on the floor)
The appliance does not operate. The lamp does not operate.	The appliance is switched off.	Switch on the appliance.
	The mains plug is not connected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.
	The appliance has no power. There is no voltage in the mains socket.	Connect a different electrical appliance to the mains socket. Contact a qualified electrician.
The lamp does not work.	The lamp is in stand-by.	Close and open the door.
	The lamp is defective.	Refer to "Replacing the lamp".
The buzzer sounds. The Alarm light flashing.	The temperature in the freezer is too high.	Refer to "High Temperature Alarm".
The compressor operates continually.	The temperature is not set correctly.	Set a higher temperature.
	The door is not closed correctly.	Refer to "Closing the door".
	The door has been opened too frequently.	Do not keep the door open longer than necessary.
	The product temperature is too high.	Let the product temperature decrease to room temperature before storage.
	The room temperature is too high.	Decrease the room temperature.

Problem	Possible cause	Solution
The compressor does not start immediately after pressing the Fast Freeze button, or after changing the temperature.	This is normal, no error has occurred.	The compressor starts after a period of time.
Temperature cannot be set.	Fast Freeze function is switched on.	Switch off Fast Freeze manually, or wait to set the temperature until the function has reset automatically. Refer to "Fast Freeze function".
The temperature in the appliance is too low/high.	The temperature regulator is not set correctly.	Set a higher/lower temperature.
	The door is not closed correctly.	Refer to "Closing the door".
	The product temperature is too high.	Let the product temperature decrease to room temperature before storage.
	Many products are stored at the same time.	Store less products at the same time.
Upper or lower square is shown in the temperature Display.	An error has occurred in measuring the temperature.	Call your service representative (the cooling system will continue to keep food products cold, but temperature adjustment will not be possible.)
dEMO appears on the Display.	The appliance is in demonstration mode (dEMO).	Keep pressed approximately 10 sec. the OK button since a long sound of buzzer is heard and the Display shut off for a short while: appliance start works regularly.

Replacing the lamp

The appliance is equipped with a longlife LED interior light.
Only service is allowed to replace the lighting device. Contact your Service Center .

Closing the door

1. Clean the door gaskets.
2. If necessary, adjust the door. Refer to "Installation".
3. If necessary, replace the defective door gaskets. Contact the Service Center.

Care and cleaning

⚠ **Caution!** Unplug the appliance before carrying out any maintenance operation.

This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

Periodic cleaning

The equipment has to be cleaned regularly:

- clean the inside and accessories with lukewarm water and some neutral soap.
- regularly check the door seals and wipe clean to ensure they are clean and free from debris.
- rinse and dry thoroughly.

Important! Do not pull, move or damage any pipes and/or cables inside the cabinet.
Never use detergents, abrasive powders, highly perfumed cleaning products or wax polishes to clean the interior as this will damage the surface and leave a strong odour.

Clean the condenser (black grill) and the compressor at the back of the appliance with a brush. This operation will improve the performance of the appliance and save electricity consumption.

Important! Take care of not to damage the cooling system.

Many proprietary kitchen surface cleaners contain chemicals that can attack/damage the plastics used in this appliance. For this reason it is recommended that the outer casing of this appliance is only cleaned with warm water with a little washing-up liquid added.
After cleaning, reconnect the equipment to the mains supply.

Defrosting of the freezer

The freezer compartment of this model, on the other hand, is a "no frost" type. This means that there is no buildup of frost when it is in operation, neither on the internal walls nor on the foods.
The absence of frost is due to the continuous circulation of cold air inside the compartment, driven by an automatically controlled fan.

Periods of non-operation

When the appliance is not in use for long periods, take the following precautions:

- **disconnect the appliance from electricity supply**
- remove all food
- defrost (if foreseen) and clean the appliance and all accessories
- leave the door/doors ajar to prevent unpleasant smells.

If the cabinet will be kept on, ask somebody to check it once in a while to prevent the food inside from spoiling in case of a power failure.

Technical data

Dimension of the recess		
	Height	1780 mm
	Width	560 mm
	Depth	550 mm
Rising Time		24 h
Voltage		230-240 V
Frequency		50 Hz

The technical information are situated in the rating plate on the internal left side of the appliance and in the energy label.

Installation

⚠ **Caution!** Read the "Safety Information" carefully for your safety and correct operation of the appliance before installing the appliance.

Positioning

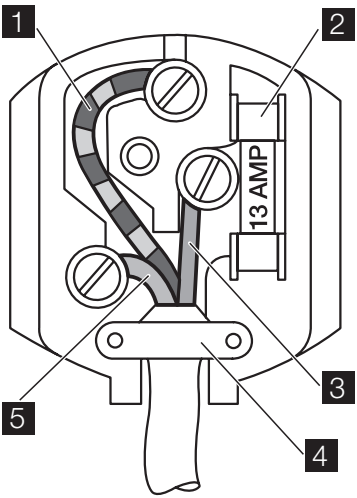
Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
SN	+10°C to + 32°C
N	+16°C to + 32°C
ST	+16°C to + 38°C
T	+16°C to + 43°C

Electrical Connection

⚠ **Caution!** Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

⚠ **Warning!** This appliance must be earthed. The manufacturer declines any liability should these safety measures not be observed.



Important! The wires in the mains lead are coloured in accordance with the following code:

1	Green and Yellow:	Earth
3	Brown:	Live
5	Blue:	Neutral

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

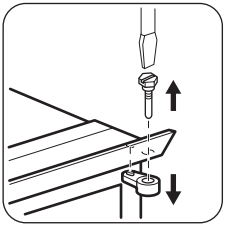
1. Connect the wire coloured green and yellow to the terminal marked either with the letter “E“ or by the earth symbol ⏚ or coloured green and yellow.
2. Connect the wire coloured blue to the terminal either marked with the letter “N“ or coloured black.
3. Connect the wire coloured brown to the terminal either marked with the “L“ or coloured red.
4. Check that no cut, or stray strands of wire is present and the cord clamp 4 is secure over the outer sheath.
5. Make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.
6. Switch on the appliance.

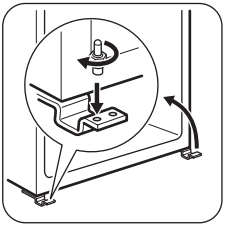
The appliance is supplied with a 13 amp plug fitted 2 . In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

⚠ **Warning!** A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that it is disposed of safely.

Door reversibility

The door of the appliance opens to the right. If you want to open the door to the left, do these steps before you install the appliance:



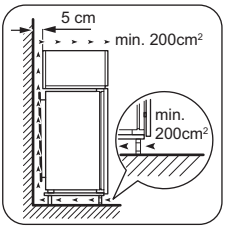


❶ Loosen the upper pin and remove the spacer.
❷ Remove the upper pin and the door.
❸ Loosen the lower pin.

On the opposite side:
❶ Install the lower pin.
❷ Install the door.
❸ Tighten the spacer and the upper pin.

Ventilation requirements

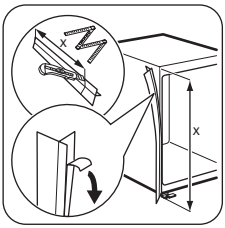
The airflow behind the appliance must be sufficient.



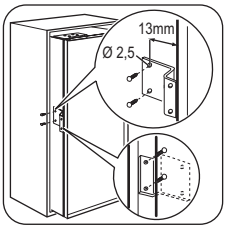
Installing the appliance

⚠ **Caution!** Make sure that the mains cable can move freely.

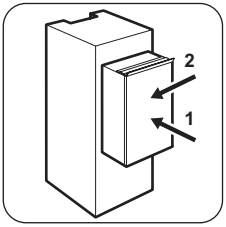
Do the following steps:



❶ If necessary cut the adhesive sealing strip and then apply it to the appliance as shown in figure.

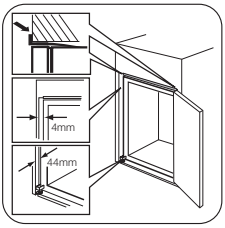


❷ Drill the unit using a Ø 2.5 mm drill (10 mm max. penetration).
Fix the square fitting to the appliance.

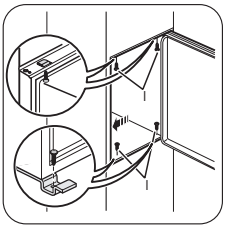


❸

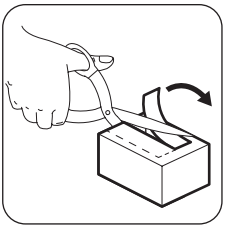
Install the appliance in the niche.
Push the appliance in the direction of the arrows (1) until the upper gap cover stops against the kitchen furniture.
Push the appliance in the direction of the arrows (2) against the cupboard on the opposite side of the hinge.



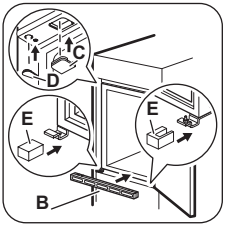
❹ Adjust the appliance in the niche.
Make sure that the distance between the appliance and the cupboard front-edge is 44 mm.
The lower hinge cover (in the accessories bag) makes sure that the distance between the appliance and the kitchen furniture is correct.
Make sure that the clearance between the appliance and the cupboard is 4 mm.
Open the door. Put the lower hinge cover in position.



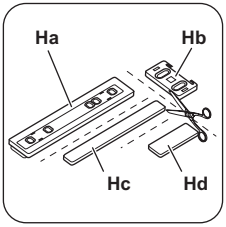
❺ Attach the appliance to the niche with 4 screws.



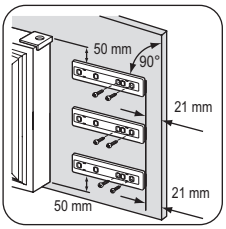
❻ Remove the correct part from the hinge cover (E).
Make sure to remove the part DX, in the case of right hinge, SX in opposite case.



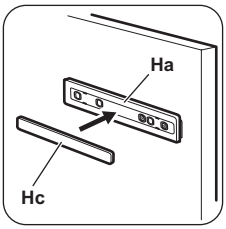
❼ Attach the covers (C, D) to the lugs and the hinge holes.
Install the vent grille (B).
Attach the hinge covers (E) to the hinge.



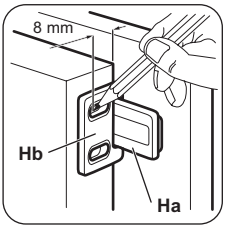
❽ Disconnect the parts (Ha), (Hb), (Hc) and (Hd).



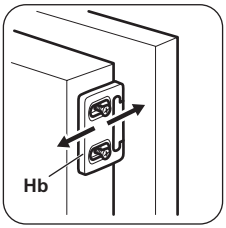
❾ Install the part (Ha) on the inner side of the kitchen furniture.



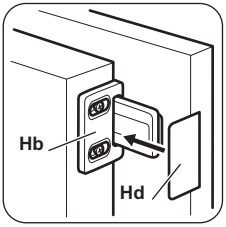
❿ Push the part (Hc) on the part (Ha).



⓫ Open the appliance door and the kitchen furniture door at an angle of 90°.
Insert the small square (Hb) into guide (Ha).
Put together the appliance door and the furniture door and mark the holes.



⓬ Place the small square on the guide again and fix it with the screws supplied.
Align the kitchen furniture door and the appliance door by adjusting the part Hb.



⓭ Press the part (Hd) on the part (Hb).

Do a final check to make sure that:

- All screws are tightened.
- The magnetic sealing strip is attached tightly to the cabinet.

Important! If the ambient temperature is low (for example, in the Winter), the size of the gasket decreases. The size of the gasket increases when the ambient temperature increases.

Environmental concerns

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

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